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Washington, District of Columbia 20231

Sir:

Please file the following form 1449 with attachments as part of the patent application described below. This patent application was received by the Patent Office on September 20, 2003 and acknowledgment #10/664661 sent to me. A provisional patent application was filed on September 26, 2002 and entered by the PTO as Application #60/413,984.

Applicant Name: William G. Gensler  
Title: Method and Apparatus For Determining Plant Water Content

Thank you.

*William G. Gensler*

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List of Attachments for Form 1449

Gensler, W. 1999. Measuring and interpreting diurnal activity in the main stem of trees. In Tree Ring Analysis, Biological, Methodological and Environmental Aspects. R. Wimmer and R. E. Vetter eds. CABI Publishing. Wallingford, OX UK.

Lekas, T.M. , R. G. MacDougall, D. A. MacLean and R. G. Thompson. 1990. Seasonal trends and effects of temperature and rainfall on stem electrical capacitance of spruce and fir trees. Can. J. For. Res. 20:970-977.

MacDougall, R. G. , D. A. MacLean and R. G. Thompson. 1988. The use of electrical capacitance to determine the growth and vigor of spruce and fir trees and stands in New Brunswick. Can. J. For. Res. 18: 587-594.

MacDougall, R. G. , R. G. Thompson and H. Piene. 1987. Stem electrical capacitance and resistance measurements as related to total foliar biomass of balsam fir trees. Can. J. For. Res. 17:1071-1074.

Fensom, D. 1959. The bio-electric potentials of plants and their functional significance. Can. J. Botany. 37: 1003-1026.

Geddes, L.A. 1972. 1972. Electrodes and the measurement of bio-electric events. Wiley Interscience, New York.

## PTO Form 1449 (List of Prior Art Cited by Applicant)

FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.		SERIAL NO. <b>10/664661</b>	
<b>LIST OF PRIOR ART CITED BY APPLICANT</b> (Use several sheets if necessary)				APPLICANT <b>WILLIAM G GENSLER</b>		GROUP	
				FILING DATE <b>SEPT 20, 2003</b>			

  

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
	AA 3967198	JUNE 29, 1976	WILLIAM G GENSLER						
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								

  

FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		
AL								
AM								

  

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
AR		<i>See attached.</i>
AS		

  

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.